

concentrations of 10^{-11} to 10^{-7} M a dosage of at least 0.1 ng/kg body weight or *in vitro* in osteoblastic or osteocytic cells with natural estrogen receptors or cells transfected with estrogen receptors or (b) induces an increase in uterine weight of no more than 10% that of 17 β -estradiol (or the equivalent compound in a host animal); (iii) induces the phosphorylation of extracellular signal regulated kinase (ERK) when administered *in vivo* at a dosage of at least 0.1 ng/kg body weight or *in vitro* at concentrations of 10^{-11} to 10^{-7} M in osteoblastic cells with natural estrogen receptors or cells transfected with estrogen receptors; and (iv) has an anti-apoptotic effect on osteoblasts at an *in vitro* dosage of at least 0.1 ng/kg body weight *in vitro* in osteoblastic or osteocytic cells with natural estrogen receptors or cells transfected with estrogen receptors.

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31. (amended) The method of claim 30, wherein the second pharmaceutical agent is bone anti-resorption agent.

32. (amended) The method of claim 30, wherein the second pharmaceutical agent is a bone mass anabolizing agent.

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33. (amended) The method of claim 30, wherein the second pharmaceutical agent is an antioxidant.

34. (amended) The method of claim 30, wherein the second pharmaceutical agent is a dietary supplement.

35. (amended) The method of claim 30, wherein the second pharmaceutical agent increases the beneficial effect of the active compound on bone structure, strength or mass.

36. (amended) The method of claim 30, wherein the second pharmaceutical agent is selected from the group consisting of an anabolic steroid, a bisophosphonate, a calcitonin, an estrogen or progestogen, an anti-estrogens such as raloxifene or tamoxifene, parathyroid hormone, fluoride, Vitamin D or a derivative thereof, or a calcium preparation.

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37. (amended) The method of claim 30, wherein the second pharmaceutical agent is selected from the group consisting of alendronic acid, disodium clondronate, disodium etidronate, disodium pamidronate, neridronic acid, risedronic acid, teriparatide acetate, tiludronic acid, ipriflavone, potassium bicarbonate, progestogen, a thiazide, gallium nitrate, NSAIDS, plicamycin, aluminum hydroxide, calcium acetate, calcium carbonate, calcium magnesium carbonate, and sucralfate.